

FEB 19 2008

**FAX TRANSMISSION****DATE:** February 19, 2008**PTO IDENTIFIER:** Application Number 10/524,381-Conf. #4847  
Patent Number**Inventor:** Robert J. Hawley**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (571) 273-8300**FROM:** EDWARDS ANGELL PALMER & DODGE LLP

Gregory B. Butler, Ph.D., Esq.

**PHONE:** (617) 517-5595**Attorney Dkt. #:** 65794(51588)**PAGES (Including Cover Sheet):** 18**CONTENTS:** Certificate of Transmission (1 page)  
Amendment Transmittal (1 page)  
Response to Non-Final Office Action (15 pages)

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FEB 19 2008

PTO/SB/97 (09-04)

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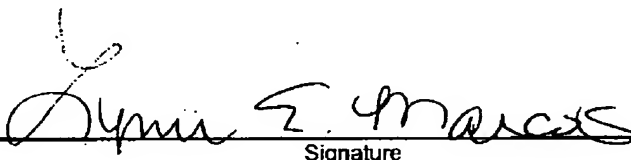
Application No. (if known): 10/524,381

Attorney Docket No.: 65794(51588)

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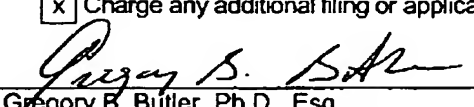
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Amendment Transmittal (1 page)

Response to Non-Final Office Action (15 pages)

FEB 19 2008

<b>AMENDMENT TRANSMITTAL LETTER</b>				Docket No. 65794(51588)	
Application No. 10/524,381-Conf. #4847		Filing Date October 3, 2005		Examiner D. Crouch	
				Art Unit 1632	
Applicant(s): Robert J. Hawley					
Invention: ALPHA(1,3)-GALACTOSYLTRANSFERASE NULL CELLS, METHODS OF SELECTING AND ALPHA(1,3)-GALACTOSYLTRANSFERASE NULL SWINE PRODUCED THEREFROM					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	0	- 20 =	0	x 25.00	0.00
Independent Claims	0	- 3 =	0	x 105.00	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					0.00
<input type="checkbox"/> Large Entity <span style="float: right;"><input checked="" type="checkbox"/> Small Entity</span>					
<input checked="" type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____ A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>04-1105</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 Gregory B. Butler, Ph.D., Esq. Attorney/Agent Reg. No.: 34,558				Dated: <u>February 19, 2008</u>	
EDWARDS ANGELL PALMER & DODGE LLP P.O. Box 55874 Boston, Massachusetts 02205 (617) 517-5595					

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Docket No.: 65794371(51588)  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of:  
Robert J. Hawley

Application No. 10/524,381

Confirmation No.: 4847

Filed: October 3, 2005

Art Unit: 1632

For: ALPHA(1,3)-GALACTOSYLTRANSFERASE  
NULL CELLS, METHODS OF SELECTING  
AND ALPHA(1,3)-  
GALACTOSYLTRANSFERASE NULL  
SWINE PRODUCED THEREFROM

Examiner: Crouch, D.

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**RESPONSE TO NON-FINAL OFFICE ACTION PURSUANT TO 37 C.F.R. § 1.111**

Dear Sir:

Applicants submit this paper in response to the non-final Office Action mailed on November 19, 2007, which set a three-month shortened statutory period for reply ending on February 19, 2007. Accordingly, a Petition for the Extension of Time under 37 C.F.R. § 1.136 is not required. Applicants, nevertheless, authorize the Commissioner to charge any additional fees occasioned by this paper, or credit any overpayment of such fees, to Deposit Account No. 04-1105.

**Amendments to the claims** are reflected in the listing of claims beginning on page 2.

**Remarks/arguments** begin on page 8 of this paper.